

RAW SEQUENCE LISTING

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Application Serial Number: 10/783, 297 B
Source: IFW/6
Date Processed by STIC: 07/10/2006

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IFW16

RAW SEQUENCE LISTING

DATE: 07/10/2006

PATENT APPLICATION: US/10/783,297B

TIME: 10:54:09

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Output Set: N:\CRF4\07102006\J783297B.raw

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3 <110> APPLICANT: QIN, NING
4       CODD, ELLEN E.
5       FLORES, CHRISTOPHER
6       ZHANG, SUI-PO
8 <120> TITLE OF INVENTION: HUMAN CYCLOOXYGENASE-3 ENZYME AND USES THEREOF
10 <130> FILE REFERENCE: PRD 2041
12 <140> CURRENT APPLICATION NUMBER: 10/783,297B
13 <141> CURRENT FILING DATE: 2004-02-20
15 <150> PRIOR APPLICATION NUMBER: 60/449,230
16 <151> PRIOR FILING DATE: 2003-02-21
18 <160> NUMBER OF SEQ ID NOS: 27
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25 <213> ORGANISM: Artificial Sequence
27 <220> FEATURE:
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143 aacaccaaga cctgtcccta cgtttcttcc cgtgtgcccg atgccagtca ggatgatggg 1860
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148 <211> LENGTH: 630

149 <212> TYPE: PRT

150 <213> ORGANISM: Homo sapiens

152 <400> SEQUENCE: 9

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157           20           25           30
159 Ala Gly Ser Leu Leu Leu Trp Phe Leu Leu Phe Leu Leu Leu Pro
160           35           40           45
162 Pro Leu Pro Val Leu Leu Ala Asp Pro Gly Ala Pro Thr Pro Val Asn
163           50           55           60
165 Pro Cys Cys Tyr Tyr Pro Cys Gln His Gln Gly Ile Cys Val Arg Phe
166           65           70           75           80
168 Gly Leu Asp Arg Tyr Gln Cys Asp Cys Thr Arg Thr Gly Tyr Ser Gly
169           85           90           95
171 Pro Asn Cys Thr Ile Pro Gly Leu Trp Thr Trp Leu Arg Asn Ser Leu
172           100          105          110
174 Arg Pro Ser Pro Ser Phe Thr His Phe Leu Leu Thr His Gly Arg Trp
175           115          120          125
177 Phe Trp Glu Phe Val Asn Ala Thr Phe Ile Arg Glu Met Leu Met Arg
178           130          135          140
180 Leu Val Leu Thr Val Arg Ser Asn Leu Ile Pro Ser Pro Pro Thr Tyr
181           145          150          155          160
183 Asn Ser Ala His Asp Tyr Ile Ser Trp Glu Ser Phe Ser Asn Val Ser
184           165          170          175
186 Tyr Tyr Thr Arg Ile Leu Pro Ser Val Pro Lys Asp Cys Pro Thr Pro
187           180          185          190
189 Met Gly Thr Lys Gly Lys Lys Gln Leu Pro Asp Ala Gln Leu Leu Ala
190           195          200          205
192 Arg Arg Phe Leu Leu Arg Arg Lys Phe Ile Pro Asp Pro Gln Gly Thr
193           210          215          220

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198 Lys Thr Ser Gly Lys Met Gly Pro Gly Phe Thr Lys Ala Leu Gly His
199                245                250                255
201 Gly Val Asp Leu Gly His Ile Tyr Gly Asp Asn Leu Glu Arg Gln Tyr
202                260                265                270
204 Gln Leu Arg Leu Phe Lys Asp Gly Lys Leu Lys Tyr Gln Val Leu Asp
205                275                280                285
207 Gly Glu Met Tyr Pro Pro Ser Val Glu Glu Ala Pro Val Leu Met His
208                290                295                300
210 Tyr Pro Arg Gly Ile Pro Pro Gln Ser Gln Met Ala Val Gly Gln Glu
211 305                310                315                320
213 Val Phe Gly Leu Leu Pro Gly Leu Met Leu Tyr Ala Thr Leu Trp Leu
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216 Arg Glu His Asn Arg Val Cys Asp Leu Leu Lys Ala Glu His Pro Thr
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219 Trp Gly Asp Glu Gln Leu Phe Gln Thr Thr Arg Leu Ile Leu Ile Gly
220                355                360                365
222 Glu Thr Ile Lys Ile Val Ile Glu Glu Tyr Val Gln Gln Leu Ser Gly
223                370                375                380
225 Tyr Phe Leu Gln Leu Lys Phe Asp Pro Glu Leu Leu Phe Gly Val Gln
226 385                390                395                400
228 Phe Gln Tyr Arg Asn Arg Ile Ala Met Glu Phe Asn His Leu Tyr His
229                405                410                415
231 Trp His Pro Leu Met Pro Asp Ser Phe Lys Val Gly Ser Gln Glu Tyr
232                420                425                430
234 Ser Tyr Glu Gln Phe Leu Phe Asn Thr Ser Met Leu Val Asp Tyr Gly
235                435                440                445
237 Val Glu Ala Leu Val Asp Ala Phe Ser Arg Gln Ile Ala Gly Arg Ile
238                450                455                460
240 Gly Gly Gly Arg Asn Met Asp His His Ile Leu His Val Ala Val Asp
241 465                470                475                480
243 Val Ile Arg Glu Ser Arg Glu Met Arg Leu Gln Pro Phe Asn Glu Tyr
244                485                490                495
246 Arg Lys Arg Phe Gly Met Lys Pro Tyr Thr Ser Phe Gln Glu Leu Val
247                500                505                510
249 Gly Glu Lys Glu Met Ala Ala Glu Leu Glu Glu Leu Tyr Gly Asp Ile
250                515                520                525
252 Asp Ala Leu Glu Phe Tyr Pro Gly Leu Leu Leu Glu Lys Cys His Pro
253                530                535                540
255 Asn Ser Ile Phe Gly Glu Ser Met Ile Glu Ile Gly Ala Pro Phe Ser
256 545                550                555                560
258 Leu Lys Gly Leu Leu Gly Asn Pro Ile Cys Ser Pro Glu Tyr Trp Lys
259                565                570                575
261 Pro Ser Thr Phe Gly Gly Glu Val Gly Phe Asn Ile Val Lys Thr Ala
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264 Thr Leu Lys Lys Leu Val Cys Leu Asn Thr Lys Thr Cys Pro Tyr Val
265                595                600                605
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